## Search Notes



U.S. Patent and Trademark Office

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10586135

Applicant(s)/Patent Under Reexamination

Part of Paper No.: 20091206

GOEBBEL ET AL.

Examiner

Art Unit

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DAVID E GALLIS

## SEARCHED

Class	Subclass	Date	Examiner	
422	198, 201	12/11/2009	Gallis	

## SEARCH NOTES

Search Notes	Date	Examiner
EAST - class/subclass and ("shell-and-tube" or "shell and tube") and (helix	12/11/2009	Gallis
or helical or helically or coil or coiled or heloid)		
EAST - class 422 and ("shell-and-tube" or "shell and tube") and (helix or	12/11/2009	Gallis
helical or helically or coil or coiled or heloid); and (noncircular or oval or		
ellipse or elliptical or elliptoid or corrugate or corrugated or corrugation)		
EAST - ("shell-and-tube" or "shell and tube"); and ((oval or ellipse or	12/11/2009	Gallis
ellipical) near ("cross-section" or "cross section")); cited patents and		
applications		
STN (caplus) - ("shell-and-tube" or "shell and tube"): reactor tube"; and	12/7/2009	Gallis
and ("non-circular" or noncircular); and (oval or ellipse or ellipical); and		
(helix or helical or helically)		1

## INTERFERENCE SEARCH

Class	Subclass	Date	Examiner